



## MICLYN ENERGY

61M / 5150BHP / Multi Purpose Vessel

### PRINCIPAL PARTICULARS

Year Built	2008
Place Built	Zhenjiang Shipyard, China
Design	Conan Wu
Flag	Panama
Length Overall	61.25 m
Length BP	58.70 m
Breadth Moulded	16.00 m
Depth Moulded	6.00 m
Draft (max)	5.10 m
Freeboard (SLL)	0.90 m
Class	BV
Notation	1 x Hull x Mach Supply Vessel, Unrestricted Navigation
GRT/ NRT	2031.00 T / 609.00 T
Deadweight	1840.90 T
Bollard Pull	Nil

### DECK PARTICULARS

Clear Deck Area	390.00 m <sup>2</sup>
Deck Carrying Load	500.00 T
Deck Strength	7.50 T/m <sup>2</sup>

### PERFORMANCE

Maximum Speed	13 Knots @ 13 T/24hrs
Economic Speed	11 Knots @ 10 T/24hrs

### PROPULSION SYSTEM

Main Engines	2 x Caterpillar 3516B, 1920 kW @ 1600 RPM, Total 5150 BHP
Auxiliary Engines	3 x Caterpillar C18, 587 BHP @ 1500 RPM
Emergency Generator	Caterpillar 3056, 92.5 kW @ 1500 RPM
Air Compressor	2 x Sperre HL2/77, 25 m <sup>3</sup> /hr, 30 bar; Sperre HLF2/77 12.3 m <sup>3</sup> /hr 12 bar
Bow Thruster	Kawasaki KT72B3, 8 T Thrust
Stern Thruster	Kawasaki KT55B1, 6 T Thrust
Propellers	2 x Berg CPP
Steering Gear System	2 x Rolls-Royce SR622-FCP
Rudder	2 x Electro-Hydraulic High Lift Balanced Type

### TANK CAPACITIES

Fuel Oil	549.90 m <sup>3</sup>
Fresh Water	330.20 m <sup>3</sup>
Drill Water	709.90 m <sup>3</sup>
Liquid Mud	244.80 m <sup>3</sup>
Bilge	11.10 m <sup>3</sup>
Ballast Water	688.40 m <sup>3</sup>
Dry Bulk	170.00 m <sup>3</sup> , 4 x 42.50 m <sup>3</sup>



### CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	100 m <sup>3</sup> /hr @ 60 m head
Fresh Water Pump	100 m <sup>3</sup> /hr @ 60 m head
Drill Water Pump	100 m <sup>3</sup> /hr @ 60 m head
Liquid Mud Pump	2 x 66 m <sup>3</sup> /hr @ 60 m head
Bilge Pump	65 m <sup>3</sup> /hr @ 60 m head
Dry Bulk Compressor	1230 m <sup>3</sup> /hr @ 5.6 bar

### DECK EQUIPMENT

Anchors & Chain	2 x AC 14 Anchors 1575 kg, 440 m x 40 mm dia U2 Stud Link Chains
Tugger Winch	2 x 10 T Electro-Hydraulic
Capstan	2 x Electro-Hydraulic 5 T at 15 m/min
Anchor Windlass c/w Bow	Electro-Hydraulic 10 T, 2 x Warping Drums
Crane	SWL 3 T @ 1.7 m Radius (max SWL), SWL 750 kg @ 7 m Radius (max Radius)

### ACCOMMODATION

Berths	6 x 1, 9 x 2, 9 x 4 Berths
Total Pax	60

### LIFE-SAVING EQUIPMENT

Life Rafts	10 x 25 Men, SOLAS Compliant
Rescue Boat c/w Davit	1 x 6 Men, 17.6 kW of Inboard Engine, 15 L, SOLAS Compliant

Particulars are believed to be correct but not guaranteed. Owners reserve the rights to amend the specifications without notifications. Particulars are entirely without warranty as to correctness and interested parties must inspect vessel's certificates, drawings or physical inspection of vessel.

